

MODEL 220

SECTIONAL STEEL DOORS



WHEN STRENGTH AND IMPACT RESISTANCE ARE CRITICAL ON COMMERCIAL AND INDUSTRIAL APPLICATIONS

Wayne Dalton's Model 220 Sectional Steel Door provides high impact resistance and industrial strength.

Offered in a wide variety of standard sizes, the Model 220 is available with 20-gauge ribbed or flush steel skins. A range of lite and insulation options are also available.

» 20-GAUGE STEEL CONSTRUCTION

» STANDARD SIZES UP TO 30' 2" WIDE AND 22' 1" HIGH

» SUPERIOR STRENGTH AND DURABILITY

MODEL 220

STANDARD FEATURES OVERVIEW

THERMAL EFFICIENCY

| | |
|----------|---------------------------------|
| R-VALUE* | 7.64 (with optional insulation) |
| U-VALUE | 0.13 (with optional insulation) |

CONSTRUCTION

| | |
|------------------|----------------|
| MAX HEIGHT | 22'01" |
| MAX WIDTH | 30'02" |
| EXTERIOR STEEL | 20-gauge |
| EXTERIOR SURFACE | Smooth, Ribbed |
| STANDARD SPRINGS | 10,000 cycles |
| EXTERIOR COLOR | White |
| JOINT PROFILE | Shiplap |
| EXTERIOR COLOR | White |

WARRANTY

| | |
|-------|----------------------|
| TERMS | One (1) year limited |
|-------|----------------------|

OPTIONS

- Chain hoist operation
- Motor operation
- High cycle spring (25k, 50k, 100k)
- 3" track option
- Solid shafts
- Perimeter weatherseal
- Broken cable devices
- Safety edges
- Safety photo eyes
- Special track designs
- Pass doors
- Mullion

Wayne Dalton's Model 220 Sectional Steel Door is designed for strength and durability.

Available with a ribbed or flush 20-gauge hot-dipped, galvanized steel exterior skin, Model 220 comes in sizes up to 480 sq. ft.

MATERIALS AND CONSTRUCTION

The Model 220 door uses C-shaped 20-gauge center and 16-gauge end stiles which are formed of galvanized steel with prelocated, extruded holes for rapid hinge attachment. Optional 16-gauge center stiles are also available.

Bottom sections feature a flexible bulb-shaped vinyl astragal held in place by a continuous roll-formed steel retainer that reinforces the lower portion of the door at the same time.

Additional options include top head seal, joint seals and jamb seals. Optional insulation, consisting of 1-5/16" expanded polystyrene and covered with .015" minimum embossed pre-painted white steel provides an R-value of up to 7.64 and a U-value as low as 0.13. Lite options include insulated or non-insulated factory-glazed lites or complete aluminum full-view sections for maximum visibility.

Contact Wayne Dalton for additional sizes and colors.

FINISH OPTION



White Smooth Finish

*Wayne Dalton uses a calculated door section R-value for our insulated doors.



Wind load options available

SECTIONAL STEEL DOORS



LITE OPTIONS



Vision lites

Insulated lites allow for visibility while maintaining security.



Full-view lites

Full-view sections allow for maximum natural light and visibility.

GENERAL OPERATING CLEARANCES

| TYPE | HEADROOM | | SIDEROOM | | DEPTH INTO ROOM | CENTER LINE OF SPRINGS | |
|---------------------------------|------------------|----------|--------------|----------|-----------------------------|----------------------------|----------------------------|
| | 2" TRACK | 3" TRACK | 2" TRACK | 3" TRACK | 2" AND 3" TRACK | 2" TRACK | 3" TRACK |
| Standard Lift Manual 12" R | 13"-17" | NA | 4.5" | 5.5" | Opening Height +18" | Opening Height +12" | N/A |
| Standard Lift Manual 15" R | 15"-20" | 16"-21" | | | | Opening Height +13" | Opening Height +14" |
| Standard Lift Motor Oper. 12" R | 15"-20" | NA | | | Opening Height +66" | Opening Height +12" | N/A |
| Standard Lift Motor Oper. 15" R | 15"-20" | 18"-24" | | | | Opening Height +13" | Opening Height +14" |
| High Lift Manual | High Lift +12" | | 24" One Side | | Opening Height -Lift +30" | Opening Height +Lift +6.5" | Opening Height +Lift +7.5" |
| High Lift Motor Oper. | | | | | | | |
| Vertical Lift Manual | Door Height +20" | | 4.5" | 5.5" | 18" | Double Door Height +13" | |
| Vertical Lift Motor Oper. | | | 24" One Side | | | | |
| Low Headroom Manual | 6"-15" | 6"-15" | 6" | 9" | Opening Height +20" to -26" | N/A | |
| Low Headroom Motor Oper. | 9"-17" | 9"-17" | | | Opening Height +66" | | |

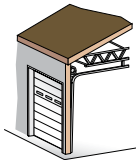
PANEL/SECTION SELECTION GUIDE

| DOOR WIDTH | NUMBER OF PANELS | NUMBER OF WINDOWS | DOOR HEIGHT | NUMBER OF SECTIONS |
|----------------|------------------|-------------------|-----------------|--------------------|
| Up to 9'2" | 2 | 2 | Up to 8'1" | 4 |
| 9'3" to 12'2" | 3 | 3 | 8'2" thru 10'1" | 5 |
| 12'3" to 16'2" | 4 | 4 | 10'2" to 12'1" | 6 |
| 16'3" to 19'2" | 5 | 5 | 12'2" to 14'1" | 7 |
| 19'3" to 24'2" | 6 | 6 | 14'2" to 16'1" | 8 |
| 24'3" and up | Call Factory | | 16'2" and Up | Call Factory |

NOTES:

- 1) For low headroom, springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed. See approval drawings.
- 2) Side-room of 8" required, one side, for doors with chain hoist.
- 3) Headroom depends on drum size, and varies over the range listed. See approval drawings.

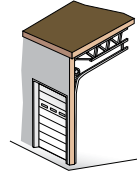
TRACK SELECTION GUIDE



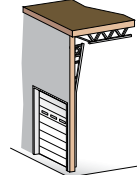
STANDARD LIFT



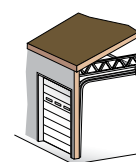
HIGH LIFT
break-away is standard, straight incline is available



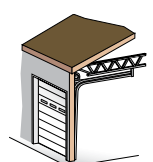
ROOF PITCH
standard or high lift



VERTICAL LIFT
break-away is standard, straight incline is available



LOW HEADROOM
rear mount torsion



LOW HEADROOM
front mount torsion



Architect Resource Center

Visit wayne-dalton.com/architect-resource-center to find our Architect Resource Center. In this tool, you will quickly find all of the specifications, drawings and documents you need to complete your project.

Wayne Dalton
COMMERCIAL DOORS

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